

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E30841

**Employer :** Liberty Mutual

**Worksite :** Liberty Lake

**Street :** 22425 E Appleway Ave

**Jurisdiction :** City of Liberty Lake

**Survey Date :** 5/16/2017

**Survey Type :** Online

**Response Rate :** 73%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 75.4%

**Reported Total Employees at Worksite:** 1,251

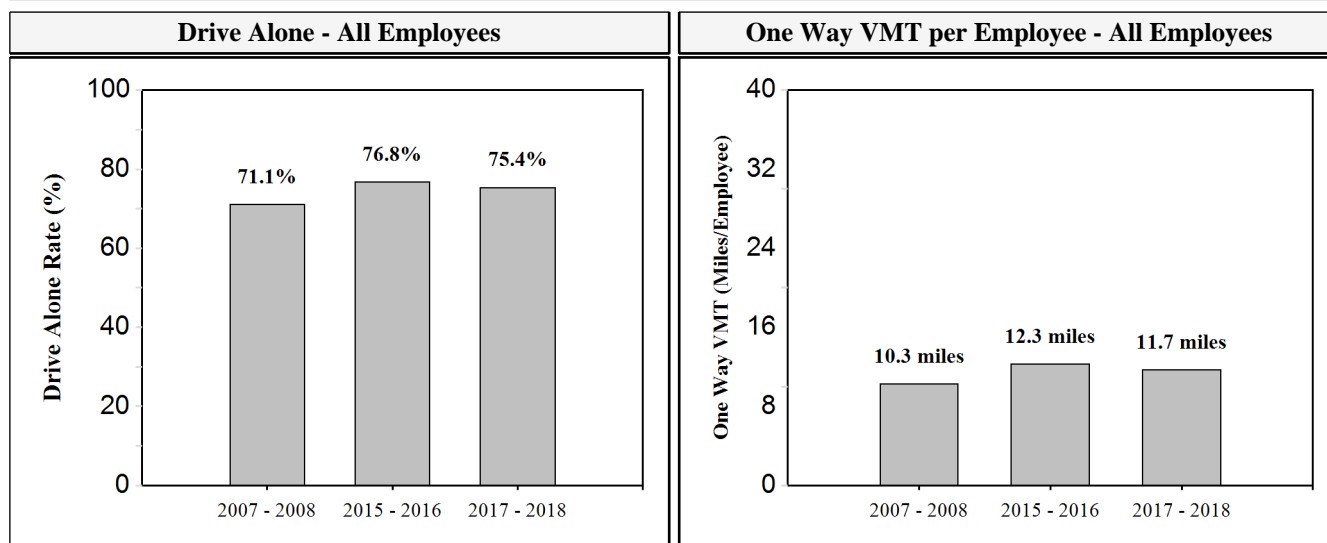
**Surveys Distributed :** 950

**One-Way VMT per employee :** 11.7

**Surveys Returned :** 698

**Surveys Returned by CTR Affected Employees :** 622

**Total Estimated CTR - Affected Employees at Worksite :** 847



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	71.1%	69.6%	10.3	10.0
2009 - 2010	68.3%	65.9%	10.1	9.8
2011 - 2012	72.1%	69.8%	11.4	11.2
2013 - 2014	75.2%	74.2%	11.8	11.7
2015 - 2016	76.8%	75.3%	12.3	12.0
2017 - 2018	75.4%	74.3%	11.7	11.5
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	6.0%	6.8%	13.6%	15.0%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2015 - 2016	2017 - 2018
Drive Alone - All Employees*	71.1%	76.8%	75.4%
Drive Alone - CTR Affected Employees*	69.6%	75.3%	74.3%
VMT/Employee - All Employees	10.3	12.3	11.7
VMT/Employee - CTR Affected Employees	10.0	12.0	11.5

\* Drive alone rate includes one person motorcycles.

**Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.**

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	1,306	1,616	1,748
Estimated Emissions for Total Employment	1,370	2,768	3,133

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	47,823	59,954	88,717
Bus Annual Passenger Miles - Surveyed Employees	45,600	35,000	49,500
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	0
Ferry Annual Passenger Miles - Surveyed Employees	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

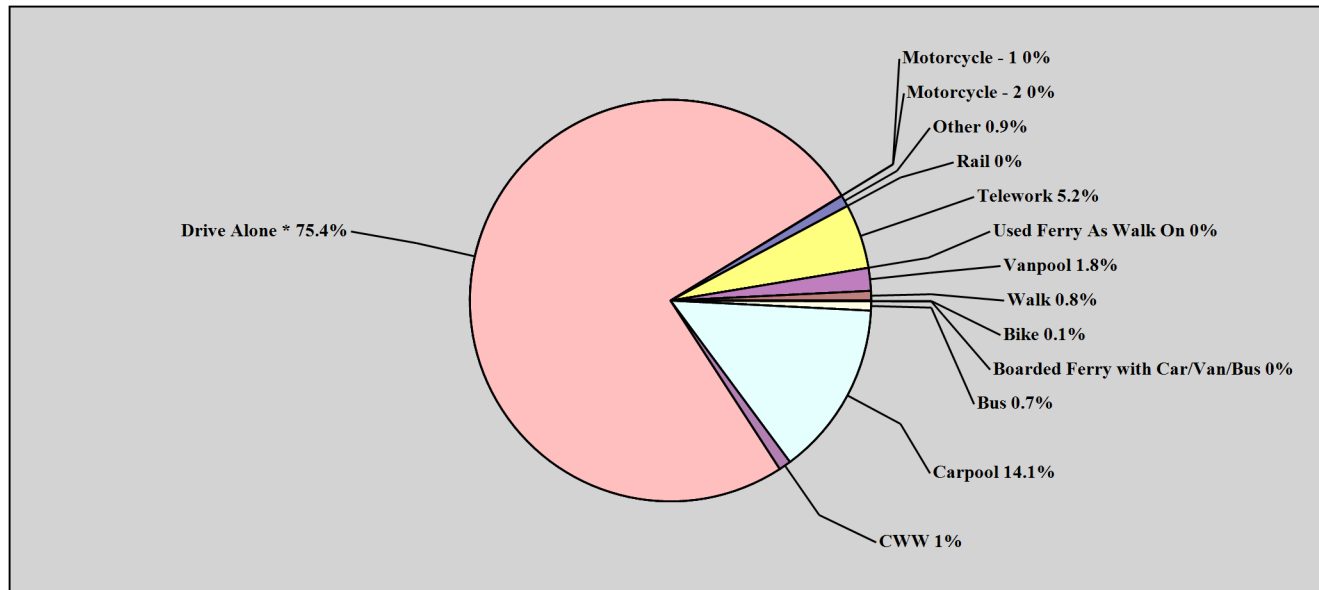
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 14.0 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



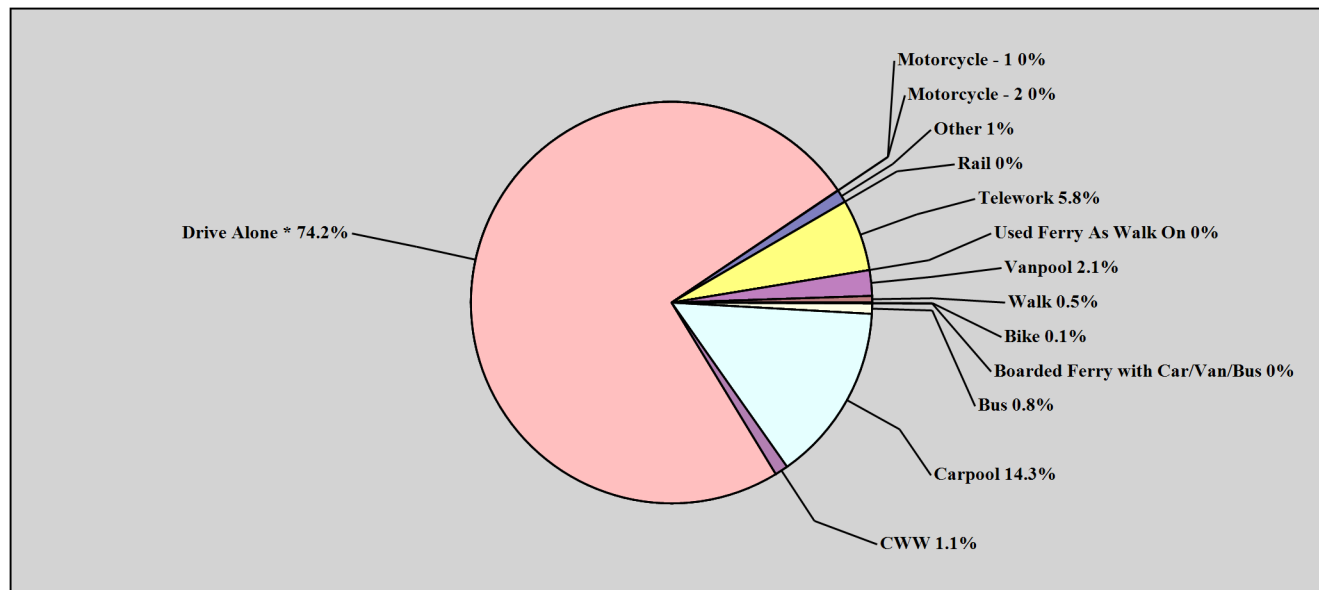
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,537	75.4%	76.5%	577	82.7%	81.8%
Carpool	473	14.1%	10.6%	116	16.6%	13.0%
Vanpool	62	1.8%	3.7%	16	2.3%	4.3%
Motorcycle - 1	1	0.0%	0.3%	1	0.1%	0.5%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	25	0.7%	0.6%	5	0.7%	0.6%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	2	0.1%	0.1%	1	0.1%	0.3%
Walk	26	0.8%	1.3%	6	0.9%	1.5%
Telework	175	5.2%	5.8%	99	14.2%	11.4%
CWW	33	1.0%	0.7%	24	3.4%	2.5%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	31	0.9%	0.4%	13	1.9%	0.5%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,231	74.2%	75.0%	511	82.2%	80.5%
Carpool	431	14.3%	10.8%	106	17.0%	13.1%
Vanpool	62	2.1%	4.2%	16	2.6%	5.0%
Motorcycle - 1	1	0.0%	0.3%	1	0.2%	0.4%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	25	0.8%	0.5%	5	0.8%	0.5%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	2	0.1%	0.1%	1	0.2%	0.4%
Walk	16	0.5%	1.5%	4	0.6%	1.8%
Telework	174	5.8%	6.6%	98	15.8%	12.9%
CWW	32	1.1%	0.6%	23	3.7%	2.3%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	31	1.0%	0.5%	13	2.1%	0.5%

\* Drive alone mode includes fill-in, where applicable.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	446	64%	698	100%
1 Days	61	9%	252	36%
2 Days	38	5%	191	27%
3 Days	27	4%	153	22%
4 Days	26	4%	126	18%
5 Days	96	14%	100	14%
6 or More Days	4	1%	4	1%

### Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	338	55.5%	103	16.9%	5	0.8%	93	15.3%	0	0%	12	2%	6	1%	4	0.7%	143	23.5%
4 days a week (4/10s)	4	7.4%	41	75.9%	0	0%	3	5.6%	0	0%	0	0%	0	0%	0	0%	4	7.4%
3 days a week	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	9	45%	9	45%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	3	15%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	4	36.4%	4	36.4%	0	0%	1	9.1%	0	0%	1	9.1%	0	0%	0	0%	3	27.3%

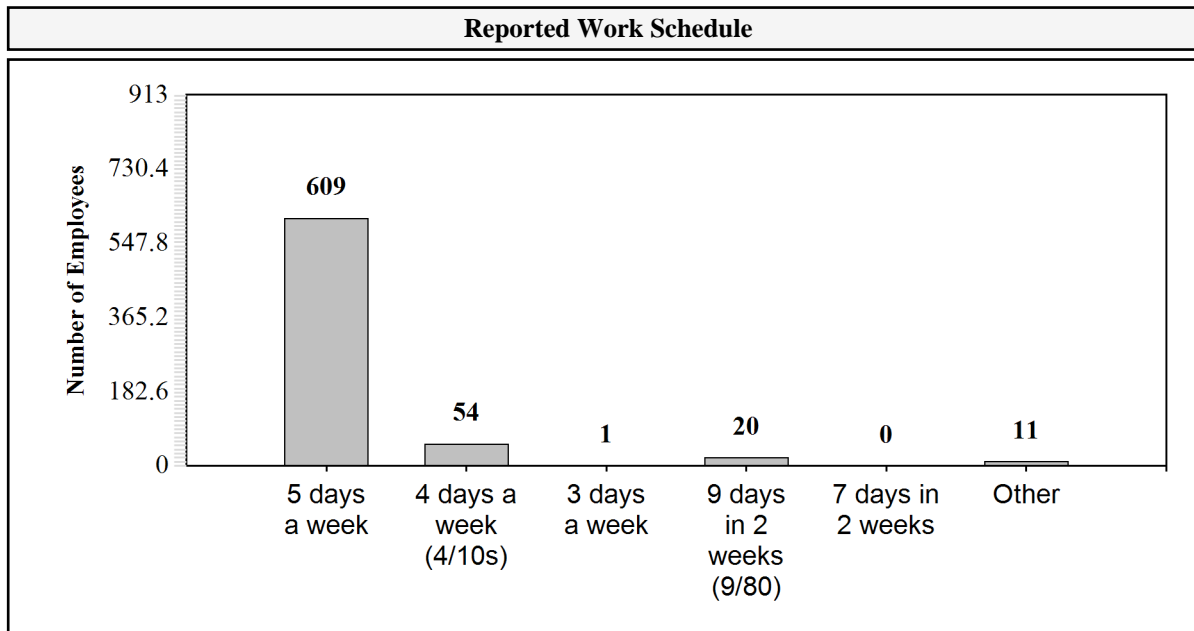
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	1
2	Motorcycle	0
2	Carpool	447
3	Carpool	17
4	Carpool	5
5	Carpool	4
>5	Carpool	0
<5	Vanpool	18
5	Vanpool	9
6	Vanpool	4
7	Vanpool	0
8	Vanpool	9
9	Vanpool	10
10	Vanpool	8
11	Vanpool	0
12	Vanpool	4
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

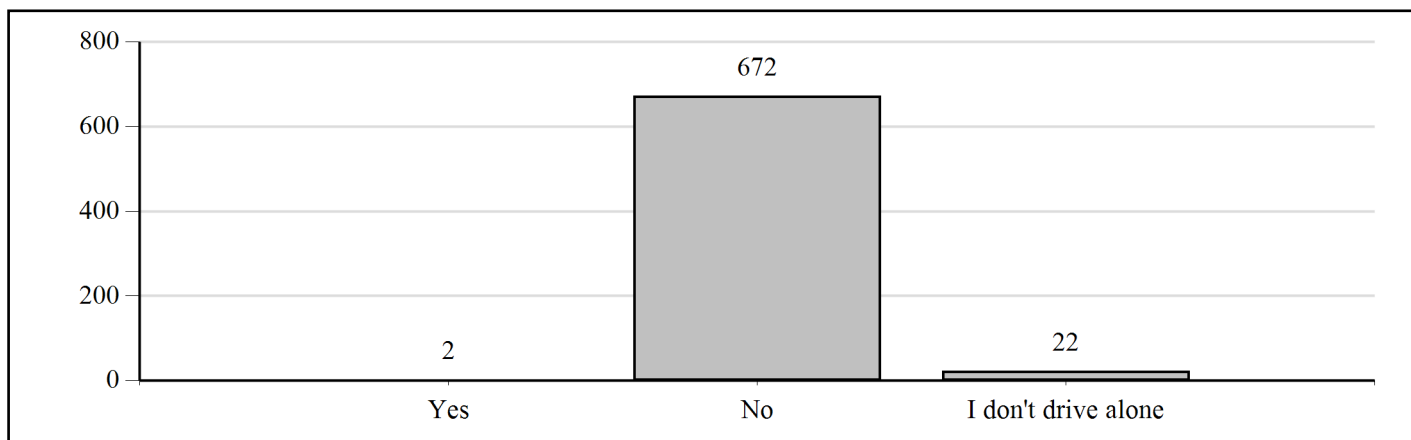
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	609	87.6%
4 days a week (4/10s)	54	7.8%
3 days a week	1	0.1%
9 days in 2 weeks (9/80)	20	2.9%
7 days in 2 weeks	0	0%
Other	11	1.6%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	0.4%
I don't telework	464	66.5%
Occasionally, on an as-needed basis	66	9.5%
1-2 days/month	23	3.3%
1 day/week	80	11.5%
2 days/week	42	6.0%
3 days/week	20	2.9%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	240	20.6%
I have the option of teleworking	141	12.1%
Other	132	11.3%
Financial incentives for carpooling, bicycling or walking.	122	10.5%
Preferred/reserved carpool/vanpool parking is provided	104	8.9%
Environmental and community benefits	100	8.6%
Personal health or well-being	81	6.9%
Cost of parking or lack of parking	58	5.0%
Driving myself is not an option	58	5.0%
Free or subsidized bus, train, vanpool pass or fare benefit	43	3.7%
Emergency ride home is provided	37	3.2%
To save time using the HOV lane	36	3.1%
I receive a financial incentive for giving up my parking space	15	1.3%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	487	32.0%
Riding the bus or train is inconvenient or takes too long	325	21.3%
Family care or similar obligations	255	16.7%
My commute distance is too short	165	10.8%
Other	141	9.3%
Bicycling or walking isn't safe	59	3.9%
I need more information on alternative modes	56	3.7%
My job requires me to use my car for work	21	1.4%
There isn't any secure or covered bicycle parking	14	0.9%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	11
2	0	0	0	1	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	7
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	4
11 or more	2	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	3	0	0	1	0	0	0	0	0	25
Total One-Way Transit Trips Per Week	37	0	0	2	0	0	0	0	0	93

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	11
2	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	4
11 or more	2	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	3	0	0	0	0	0	0	0	0	22
Total One-Way Transit Trips Per Week	37	0	0	0	0	0	0	0	0	78

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	3	0.43%	14	0	0	0	0	0	0	0	0	2	0	0	0
83801	4	0.57%	10	0	0	0	0	0	0	0	2	1	0	0	0
83814	11	1.58%	47	4	0	0	0	0	0	0	2	0	0	0	0
83815	26	3.72%	115	5	0	0	0	0	0	0	5	0	0	0	1
83835	15	2.15%	49	14	0	0	0	0	0	0	7	2	0	0	3
83840	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
83842	1	0.14%	1	4	0	0	0	0	0	0	0	0	0	0	0
83854	64	9.17%	259	32	0	0	0	0	0	0	15	5	0	0	2
83858	9	1.29%	35	8	0	0	0	0	0	0	0	0	0	0	0
83860	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
83868	1	0.14%	2	3	0	0	0	0	0	0	0	0	0	0	0
83869	7	1.00%	27	5	0	0	0	0	0	0	2	0	0	0	0
99003	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0	0
99004	4	0.57%	10	10	0	0	0	0	0	0	0	0	0	0	0
99005	3	0.43%	9	0	4	0	0	0	0	0	1	0	0	0	0
99006	3	0.43%	10	5	0	0	0	0	0	0	0	0	0	0	0
99016	59	8.45%	208	56	0	1	0	0	0	0	14	2	0	0	0
99018	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99019	50	7.16%	181	15	0	0	0	0	2	26	12	1	0	0	5
99020	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99021	3	0.43%	15	0	0	0	0	0	0	0	0	0	0	0	0
99022	2	0.29%	0	8	0	0	0	0	0	0	2	0	0	0	1
99025	11	1.58%	38	12	0	0	0	0	0	0	3	0	0	0	0
99026	1	0.14%	0	0	0	0	0	0	0	0	5	0	0	0	0
99027	11	1.58%	34	10	0	0	0	0	0	0	9	1	0	0	0
99030	1	0.14%	0	5	0	0	0	0	0	0	0	0	0	0	0



99031	3	0.43%	15	0	0	0	0	0	0	0	0	0	0	0	0
99037	61	8.74%	223	45	0	0	0	0	0	0	13	1	0	0	0
99039	1	0.14%	0	4	0	0	0	0	0	0	1	0	0	0	1
99110	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99156	1	0.14%	1	0	0	0	0	0	0	0	1	0	0	0	0
99201	7	1.00%	25	5	0	0	0	0	0	0	0	0	0	0	5
99202	11	1.58%	39	5	9	0	0	0	0	0	0	0	0	0	0
99203	11	1.58%	38	10	0	0	0	0	0	0	2	0	0	0	0
99204	3	0.43%	10	0	0	0	5	0	0	0	0	0	0	0	0
99205	40	5.73%	140	31	10	0	10	0	0	0	3	3	0	0	2
99206	74	10.60%	278	57	10	0	0	0	0	0	11	6	0	0	0
99207	22	3.15%	80	20	0	0	5	0	0	0	1	1	0	0	0
99208	33	4.73%	69	42	22	0	5	0	0	0	17	0	0	0	5
99212	20	2.87%	81	10	0	0	0	0	0	0	1	0	0	0	0
99216	47	6.73%	193	11	0	0	0	0	0	0	13	2	0	0	1
99217	22	3.15%	90	7	3	0	0	0	0	0	8	1	0	0	0
99218	6	0.86%	26	0	0	0	0	0	0	0	3	0	0	0	0
99223	27	3.87%	100	10	4	0	0	0	0	0	11	4	0	0	2
99224	14	2.01%	36	20	0	0	0	0	0	0	10	1	0	0	3